

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,919,769 B2

APPLICATION NO.: 10/670,828

ISSUE DATE : 07/19/2005

INVENTOR(S) : Lim et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Drawings:**

Fig. 1, "VBP/12" should read -- VBP/124--;

Fig. 6, "INPUT/OUTPUT DEVICE 614" should read --INPUT/OUTPUT MODULE 614--;

**In the Claims:**

Col. 1, line 52, "VCO 212." should read --VCO 126.--;

Col. 3, line 14, "... voltage of the VCO 212." should read --... voltage of the VCO 126.--;

Col. 4, line 52, "...of flip-flops 252a-252h are..." should read --...of flip-flops 452a-452h are... --;

Col. 5, line 22, "...of the VCO 212..." should read --...of the VCO 126...--;

Col. 5, line 55, "...input/output modules 614 include..." should read --...input/output module 614 include...--;

Col. 6, line 32, "...first flip flop is ..." should read --...first flip-flop is...--;

Col. 6, line 33, "...from an output terminal of a last flip flop." should read --... from an output terminal of a last flip-flop. --;

Col. 6, line 36, "...plurality of flip flops and..." should read --... plurality of flip-flops and...--;

Col. 6, line 37, "...plurality of flip flops." should read --... plurality of flip-flops.--;

Col. 6, line 38, "...last flip flop and..." should read --... last flip-flop and...--;

*Duplicate* Col. 6, line 38, ~~"...last flip flop and..."~~ should read ~~--... last flip-flop and...--~~;

Col. 7, line 14, "...the central processor unit and..." should read --...the central processing unit ...--;

Col. 7, line 15, "...the central processor unit and the main memory." should read --... the central processing unit and the main memory.--;

Col. 8, line 1, "...first flip flop is..." should read --...first flip-flop is...--;

Col. 8, line 2, "...last flip flop." should read --...last flip-flop.--;

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

SCHWABE, WILLIAMSON & WYATT, P.C.  
1211 SW Fifth Avenue, Suite 1900  
Portland, OR 97204

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 15 4006